

INFORMATION TECHNOLOGY
OUTPUT DEVICES PRACTICE

1. What is an output device used for?

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2. Output Devices produce two types of output. Name them and state their difference with examples of each?

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3. List in the table provided below all the output devices that produce softcopy and hardcopy output.

| Softcopy Output Devices | Hardcopy Output Devices |
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4. The Monitor is the most important output device. State the other names that the Monitor is known by.

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5. What are some of the features that affect the desirability of the Monitor to users?

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6. Monitors come in two colours. Name them?

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7. There are two types of monitor. Name them?

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8. How can you tell these two monitors apart?

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9. Fill in the blanks spaces.

The monitor is made up of tiny dots called also known as
..... Each
can be or The quality
of on your monitor depends on the
..... Which is dependent on the number of
the monitor can display.

10. Identify and state on which monitor is the image being formed from the description given below? Also state if the monitor is colour or black and white.

| Monitor | How images are formed |
|---------|---|
| | Has a cathode ray tube. Its inner glass is coated with three different types of particles, each supporting a different colour. These colours blend together to form the range of colours seen on the monitor. |
| | Has a cathode ray tube. It inner glass is coated with phosphorescent material, when a beam of charged particles strikes the inner glass the material glows allowing images to be seen on the glass. |

11. There are two types of resolution. Name them?
.....
12. Fill in the blanks.
The Video Graphics Card is also called a
It is a that determines
.....andat which
images appear on the monitor. It controls thegoing to
the monitor and plays an important part in the.....
that you receive on the monitor.
13. List the characteristics that the quality of sound heard on your computer depends on.
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14. The range of sound generated by the computer includes:
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.....
15. What is a sequencer used for?
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16. Write out the meaning for the acronym MIDI and state what it is used for?
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17. The touch screen is a two way user interface and a display device. How do you tell the computer what operation to perform?
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.....
18. The data projector is connected to your computer. Where is it most commonly used?
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19. The satellite disk speed up the transfer of what to your computer.
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20. The Modem stands for Modulator Demodulator. Explain the process of Modulation and Demodulation.

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21. There are two types of printers. Name them and explain the difference between them?

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22. Identify and list the printer being used to print information by reading the description given in ‘how information is printed’. Also list whether the printer is an impact or non-impact printer.

| Printer | Type of Printer | How information is printed |
|---------|-----------------|---|
| | | It use print hammers called pins to strike a carbon ribbon. The pins make dots on the paper, which combined from characters. It prints one character at a time. |
| | | The printing mechanism is a print head with a number of tiny nozzles. Ink is pushed through these nozzles onto the paper in tiny dots. These dots form characters or pictures. It prints a line of information at a time and is referred to as line printers. |
| | | Has a print head made up of pins arranged on a matrix. The pins are heated electrically and the characters are burned onto heat sensitive paper. There are three types of this printer. They are used mainly for printing Labels. |
| | | Has a spoked wheel with characters at the end of each spoke. When printing the spoke wheel rotates until the desired character is reached, the print hammer is fired pushing the character onto an inked ribbon, and the ribbon presses against the paper forming the character. It prints one character at a time. |
| | | Ink powder is transferred onto paper using a laser beam. It prints a single page in one cycle and is |

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| | | know as a page printer. |
| | | The cartridge with the pictures from the camera can be plugged directly onto the printer. The pictures are then printed. The camera can also be attached to the computer to enable users to print, edit and save pictures. |

23. Plotters are special output devices. In the table provided below, state how the different types of plotter produce their output.

| Plotter | Output |
|-----------------|--------|
| Flatbed Plotter | |
| Plotter | |
| Plotter | |
| Upright Plotter | |

24. What are multifunction devices?
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25. Complete the following sentences.

A microfilm comes in the form of, while a microfiche is
Card-sizedMicrofilm last longer than
And is generally used into store information on
books.